



TEXAS A&M
UNIVERSITY
KINGSVILLE

ENERGY MANAGEMENT REPORT

November, 2016

Executive Order RP-49 Energy Management Report for November 2016

A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline, and natural gas:

Texas A&M University – Kingsville’s energy management goal is to reduce annual energy consumption in existing buildings by 25% from FY 2013 levels over a 5-year period ending with FY 2018. TAMU – Kingsville’s source Energy Use Index has remained relatively flat since October, 2012. However, a concerted energy conservation effort has reduced the EUI by 2.4% since February, 2016.

B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline, and natural gas:

TAMU – Kingsville placed an emphasis on reducing energy costs and usage by hiring a Utilities Engineer. The Utilities Engineer utilizes the campus building automation system to monitor energy usage, identify mechanical issues and schedule the heating and cooling systems to reduce energy when space is not being used.

Utility consumption building profiles are generated weekly and reviewed to insure buildings are operating as designed. And, monthly campus utility consumption and costs are reviewed to insure energy conservation initiatives are obtaining expected results.

C. Any additional ideas the agency has for reducing energy expenditures relating to facilities:

TAMU – Kingsville has begun the process to enter into an energy performance contract with an ESCO provider. Upon completion, TAMUK expects the performance contract will reduce campus energy consumption by over 10%. Future building construction will adhere to more energy efficient standards. And, a new contract with the electrical provider is expected to lower base line electrical costs by 22%.

D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.

TAMU – Kingsville’s main campus limits vehicular usage by promoting a pedestrian campus. Staff are encouraged to limit vehicle usage and carpool where appropriate. And, University Police utilize a bike patrol.

	Gasoline (Gallons)
FY15	63,888
FY16	55,433
% Increase (Decrease)	(13.2%)